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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>		Application Number	10/516,567-Conf. #5511
(to be used for all correspondence after initial filing)		Filing Date	April 3, 2006
		First Named Inventor	Peter Joseph UNSWORTH
		Art Unit	2857
		Examiner Name	C. S. Tsai
Total Number of Pages in This Submission		Attorney Docket Number	BKB-004US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	LAHIVE & COCKFIELD, LLP		
Signature			
Printed name	David R. Burns		
Date	August 13, 2007	Reg. No.	46,590



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Docket No.: BKB-004US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Peter Joseph Unsworth *et al.*

Application No.: 10/516,567

Confirmation No.: 5511

Filed: April 3, 2006

Art Unit: 2857

For: IMPROVEMENTS IN OR RELATING TO THE  
MONITORING OF TWO-PHASE FLUID  
FLOW

Examiner: C. S. Tsai

**RESPONSE TO FINAL ACTION UNDER 37 C.F.R. 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated May 11, 2007 (Paper No. 20070507), finally rejecting claims 18-21, 23-28, 30 and 37, the Response due date of which is automatically extended to August 13, 2007, because August 11, 2007 fell on a Saturday; Applicants submit the following amendments and remarks to place the above-identified U.S. patent application in condition for allowance.

**Amendments to the Claims** are reflected in the listing of Claims which begins on page 2 of this paper; and

**Remarks/Arguments** begin on page 7.